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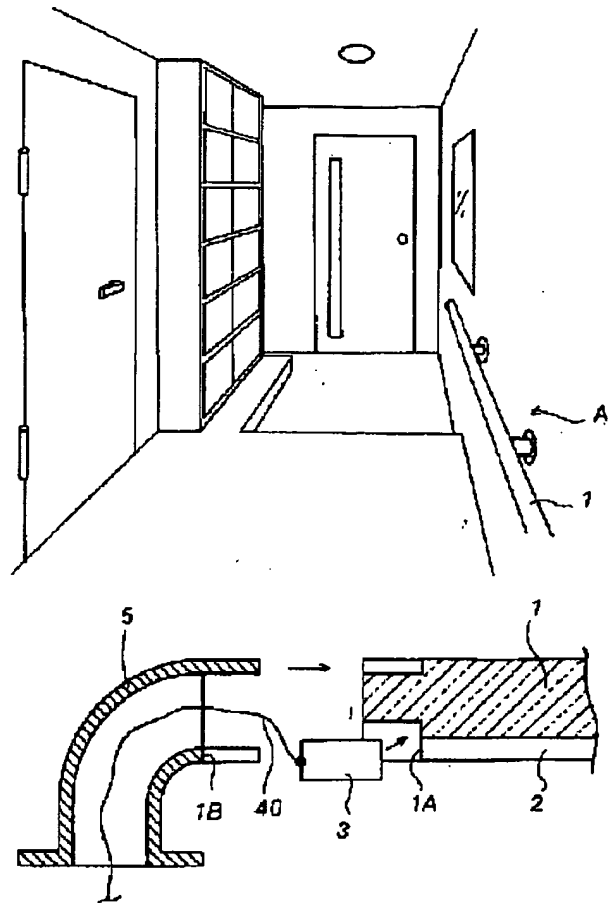
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APPLICANT : BRIDGESTONE CORP;

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TITLE : HANDRAIL DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To provide a handrail device capable of lighting a handrail part to the confirmable degree even when a building inner part is poorly lighted, and functioning an emergency lamp in the event of a service interruption by burying a minute power type linear emitter in a translucent handrail part, and optically connecting it to a light source.

SOLUTION: A handrail part 1 is formed of a highly translucent resin having a relatively high strength, and a minute power type linear emitter 2 consisting of polyester or acrylic copolymer core material is flatly buried with the emitting surface being exposed. A light source 3 such as light emitting diode is set in a light source chamber 1 formed in the connecting part between the handrail part 1 and a fixed support part 5, and connected to the linear emitter 2 by an optical coupler, and a current is supplied from a battery through a cable 40 passed through the fixed support part. In the thus-formed handrail device A, the light source is automatically flashed by ON/OFF operation of a switch or by a sensor for detecting the brightness of a corridor or the passing of a person, so that the hand rail part 1 can be confirmed even if a building inner part is poorly lighted at night.

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